

ABSTRACT OF THE INVENTION

At least one technique is disclosed for improving the efficiency of fragmentation
5 techniques currently implemented in conventional data networks. According to a specific
embodiments, fragmentation may be automatically and dynamically enabled on a
particular link at times when there is real-time traffic being carried over that link. At times
when there is no real-time traffic being carried over the link, fragmentation may be
automatically and dynamically disabled or significantly reduced. In this way, the
10 technique of the present invention may be used to improve the efficiency data networks.

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